

Master of Science in International and Monetary Economics

This document shows the adjusted list of lectures and seminars offered by the University of Basel effective as of spring semester 2025.

The minimum required ECTS are mentioned per Module.

All changes since the last publication dated 02.10.2024 are noted in red.

December 5, 2024

Semester	Course No.	Format	Title (linked to the course directory)	ECTS	Lecturer	Language	Comments	Assessment format
Every sem.		Crash Course	Scientific Software (R, Stata, Matlab, LaTeX, Python, Julia)	0	various lecturers	g/e		
September	18545	Lecture	Advanced Mathematics for Economics	3	Zehrt	e	Ideal preparation course! Date: Early september 2025	record of achievement

Module: Advanced Topics in Economics (18 ECTS)

Mandatory Courses:

Semester	Course No.	Format	Title (linked to the course directory)	ECTS	Lecturer	Language	Comments	Assessment format
Fall	65937	Lecture	Advanced Microeconomics	6	Nöldeke	e		record of achievement
Fall	12036	Lecture	Econometrics	6	Schmidheiny	e		main lecture exam
Spring	65943	Lecture	Advanced Macroeconomics	6	Lein	e		record of achievement

Module: Core Areas in Monetary Economics (24 ECTS)

Core Lectures

Semester	Course No.	Format	Title (linked to the course directory)	ECTS	Lecturer	Language	Comments	Assessment format
Fall	68984	Lecture	Advanced International Macroeconomics	3	Müller	e		record of achievement
Fall	26784	Lecture	Applied Monetary Policy	3	Kraenzlin	e		record of achievement
Fall	41628	Lecture	Monetary Policy I	3	Lein	e		main lecture exam (not relevant for exclusion in this program)
Fall	xxx	Lecture	Monetary Policy II	3	Lein	e	New course as of fall semester 2025; Prerequisite:41628 Monetary Policy I must be passed	record of achievement
Fall	10645	Lecture	Monetary Theory	3	Berentsen	e	Students who already passed 10645 Monetary Theory à 6 ECTS can't take this course.	main lecture exam (not relevant for exclusion in this program)
Fall	65942	Lecture	Advanced Monetary Theory	3	Berentsen	e	Students who already passed 10645 Monetary Theory à 6 ECTS can't take this course.	record of achievement
Fall	68983	Colloquium	Recent Long-Run Macroeconomic Trends	3	Müller	e		record of achievement
Fall	41627	Colloquium	Topics in Macroeconomics	6	Lein	e	This course will be expanded in scope and increased to 6 ECTS as of fall semester 2025.	record of achievement
Spring	71175	Lecture	Empirical Tools for Macroeconomists	3	Züllig	e		record of achievement
ev. 2. spring	33685	Lecture	Experimental Macroeconomics	3	Camera	e	This course will be taught in spring semester 2025.	record of achievement
Spring	67433	Colloquium	Financial Market Infrastructures: From Monetary Policy to Payments	3	Kraenzlin	e		record of achievement
Spring	32934	Lecture	Optimization and AI	3	Maringer	e	New in this module as of spring semester 2025. Crediting can already be applied for this spring or earlier though.	record of achievement
irregular	50886	Lecture	FinTech, Digital Currency and Blockchains	3	Yermack	e	Summer School Course: Not in 2025	record of achievement

Core Seminars

Note: Early application for these seminars (December für spring | May for fall semester)!

Semester	Course No.	Format	Title (linked to the course directory)	ECTS	Lecturer	Language	Comments	Assessment format
Fall	31905	Seminar	Money, Finance and Cryptocurrencies	6	Berentsen	e	Application in May/June!	seminar credit
every semester	65944	Seminar	Economics	6	Lein (only in spring semester)/Lengwiler/Nöld	e	Application in December /January for spring and May/June for fall semester!	seminar credit

Module: Areas of Specialization in International and/or Monetary Economics (18 ECTS)

3.1. Asset Pricing and Time Series

Semester	Course No.	Format	Title (linked to the course directory)	ECTS	Lecturer	Language	Comments	Assessment format
Fall	73132	Lecture	Advanced Asset Pricing I	3	Lengwiler	e		record of achievement
Fall	73133	Colloquium	Advanced Asset Pricing II	3	Lengwiler	e		record of achievement
Fall	10684	Lecture	Univariate Time Series Analysis	3	Kleiber	e		main lecture exam (not relevant for exclusion in this program)
Spring	30661	Lecture	Advanced Time Series Analysis	3	Kaufmann/Beyeler	e		record of achievement
Spring	68985	Lecture	Private Markets	3	Böni	e		record of achievement

3.2. FinTech

Semester	Course No.	Format	Title (linked to the course directory)	ECTS	Lecturer	Language	Comments	Assessment format
Fall	58973	Colloquium	Advanced Blockchain Concepts and Project Management (Blockchain Challenge)	6	Schär	e		record of achievement
Fall	70359	Colloquium	Money, Finance and Cryptocurrencies: How to use DeFi Protocols	3	Berentsen	e		record of achievement
Fall	52354	Lecture	Smart Contracts and Decentralized Finance	6	Schär	e		record of achievement
Spring	54856	Colloquium	Banks and the Fintech Revolution	6	Rishabh	e		record of achievement
irregular	50886	Lecture	FinTech, Digital Currency and Blockchains	3	Yermack	e	Summer School Course: Not in 2025	record of achievement

3.3. Additional Courses

Semester	Course No.	Format	Title (linked to the course directory)	ECTS	Lecturer	Language	Comments	Assessment format
Fall	41957	Lecture	Advanced Econometrics	3	Schmidheiny	e		record of achievement
Fall	18545	Lecture	Advanced Mathematics for Economics	3	Zehrt	e	It is highly recommended, to take this course at the beginning of the studies.	record of achievement
Fall	65938	Lecture	Finance	6	Rinaldo	e	Lecturer in fall semester 2024: Prof. T. Kröncke	main lecture exam (not relevant for exclusion in this program)
Spring	10625	Lecture	Advanced International Trade and Business	6	Weder	e		record of achievement
Spring	23525	Lecture	Computational Economics	3	Maringer	e		record of achievement
Spring	17691	Lecture	International Trade, Resources and the Environment	3	Taylor	e		record of achievement
Spring	75753	Lecture	Predictions: Theory and Practice	3	Schmidt	e	New course as of spring semester 2025	record of achievement
Spring	16036	Lecture	Regression and Statistical Learning	3	Kleiber	e	New title as of spring semester 2025 (formerly: Microeconometrics and Statistical Learning)	record of achievement
Spring	31952	Lecture	Microeconometrics: Panel Data	3	Schmidheiny	e		record of achievement

3.4. Seminars

Note: Early application for these seminars (December für spring | May for fall semester)!

Semester	Course No.	Format	Title (linked to the course directory)	ECTS	Lecturer	Language	Comments	Assessment format
Spring	52355	Seminar	Blockchain, Smart Contracts and Decentralized Finance	6	Schär	e	Application in December/ January!	seminar credit
Spring	74282	Seminar	Research in Financial Economics	6	Rinaldo	e	New Master's Seminar as of spring semester 2025; Application in December / January!	seminar credit